

From: Richard Rupert/R3/USEPA/US
Sent: 1/11/2012 10:15:56 PM
To: "Graves, Suddha" <Sgraves@TechLawInc.com>
CC: "fetzer.richard@epa.gov" <fetzer.richard@epa.gov>
Subject: Re: Dimock - Lab TAT Info

Suddha,
Please forgive my ignorance here but, weren't we using Isotech for the isotopes analysis? Maybe I am getting it confused with another similiar analysis?
Also, I thought we had decided to use Ft. Meade to valdate the packages where it was not available from labs. If not, lets do this unless there is a reason not too.
If Meade has not confirmed they will meet the TAT times then indeed please check: I thought this was settled. Regarding the methane, we need the total methane, ethane etc. in expedited fashion. If the RSK175 provides this information, and we are geting it in less than 5 days, great. Other wise you will need to make this happen one way or another. Ft Meade is fine or a commercial lab is also fine. Bottom line is we need all of the parameters you listed as identified by ATSDR in under 5 days. Again, I need this info for a 0900 meeting and will need time to prepare it so please work this first in the morning.
Sorry to be so demanding on time stuff but, we are all under the gun right now with little space for slippage.
thanks
Rich

Richard Rupert
On-Scene Coordinator
U.S.EPA
1650 Arch Street - 3HS31
Philadelphia, PA 19103
(215) 814-3463 - office
215 514 8773 - MOBILE
rupert.richard@epa.gov

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Rupert,

The list of parameters you had requested for rapid turn-around-time (which was based on the substances identified by ATSDR) were the following;

- coliform bacteria;
- methane;
- bis(2-ethylhexyl) phthalate (DEHP);
- aluminum, arsenic, lithium, manganese, sodium, iron;
- 2-methoxyethanol (Ethylene glycol monomethyl ether);
- ethylene glycol; and
- triethylene glycol, and 2,2'-oxybisethanol (diethylene glycol).

The Analytical Request which was submitted to Ft. Meade had requested unvalidated data in 7 days and validated data in 35 days. It also requested preliminary results or expedited TATs for the following parameters (bis(2-ethylhexyl)phthalate (SVOCs); 2-methoxyethanol; ethylene glycol; triethylene glycol and diethylene glycol (glycols analysis); and Al, As, Li, Mn, Na, and Fe (total metals analysis). Typically Ft. Meade will reply back and provide notification on how quickly they can provide the preliminary results. We haven't heard back as of today on their expedited TATs. Would you like us to check in with them to inquire about their expedited TATs?

The Analytical Request which was submitted to NAREL requested unvalidated data in 35 days (if feasible) and validated data in 35 days. Fred Foreman had been coordinating with NAREL and from what I understood they cannot start analyzing the samples until February. I would recommend coordination with Fred Foreman be implemented to determine the TAT. If you like we can touch base with him.

TechLaw's lab which will be analyzing for Bacteria (Fecal & total coliform, HPC) analysis will provide the verbal results in 48 hours, with a data package submitted weekly. There is no validator currently set up to validate this data package.

TechLaw's lab which will be analyzing for "Complete compositional analysis of headspace gas", "d13C and d2H of methane", and "Stable isotopes of water (O,H)" will provide a data package in 4 weeks. There is no validator currently set up to validate this data. Do you want us to request Ft. Meade to validate our subcontracted laboratory data packages?

All parameters included on your list have been requested for expedited TATs, except for methane. I would assume the methane you had wanted for expedited TAT was the dissolved gases by RSK-175. Do you want us to add it to the list of expedited TAT for Ft. Meade?

Thanks,

Suddha Graves

TechLaw, Inc.

2208 Warwood Ave

Wheeling, WV 26003

304-230-1230 (office)

304-830-1441 (cell)

304-232-5006 (fax)